

Name: _____

pa1030: Box multiplication of linear binomials (v7)

Example

Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

*	$6x$	3	
$2x$	$12x^2$	$6x$	$12x^2 + 6x + 24x + 12$
4	$24x$	12	Combine like terms.
			$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(3x + 4)$ and $(5x + 9)$.

*	$3x$	4
$5x$		
9		

ANSWER:

Question 2

Use the box method to multiply $(8x + 3)$ and $(7x - 4)$.

*	8x	3
7x		
-4		

ANSWER:

Question 3

Use the box method to multiply $(-9x + 4)$ and $(3x + 5)$.

*		

ANSWER: